

AMENDMENTS TO THE CLAIMS

1. (currently amended) A method for visualizing dynamic documents in a graphical user interface, comprising:

generating a summary view of at least one dynamic document including data from an ongoing process and containing instances of search terms, using a condensed abstract representation of a search term density distribution, wherein said representation is selected from the group consisting of: color, pattern, and relative darkness;

updating said summary view to reflect changes in said dynamic document; and

triggering an enhancement of said summary view by cursor brushing.

2. (previously presented) The method of claim 1 further comprising navigating to at least one segment of said dynamic document by selecting a corresponding portion of said summary view.

3. (previously presented) The method of claim 1 further comprising computing a statistical summary of contents of a selected document portion.

4. (previously presented) The method of claim 1 further comprising identifying relevant dynamic documents with at least one search engine.

5. (previously presented) The method of claim 1 further comprising aggregating information to enable a more condensed abstract representation of said dynamic document.

6. (previously presented) The method of claim 1 wherein said updating is performed periodically.

7. (previously presented) The method of claim 1 wherein said updating is performed continuously.

8. (currently amended) A system for visualizing dynamic documents in a graphical user interface comprising:

a summary view of at least one dynamic document including data from an ongoing process and containing instances of search terms, using a condensed abstract representation to depict a search term density distribution, wherein said representation is selected from the group consisting of: color, pattern, and relative darkness;

an updating mechanism to reflect changes in said dynamic document in said summary view; and

an enhancement of said summary view triggered by cursor brushing.

9. (original) The system of claim 8 wherein at least one segment of said document is navigated to by selection of a corresponding portion of said summary view.

10. (previously presented) The system of claim 8 wherein said dynamic document comprises at least one of a text file, an image file, and audio file, a video file, streaming data.

11 – 12. (cancelled)

13. (original) The system of claim 8 wherein said dynamic document includes data from a security system.

14. (cancelled)

15. (original) The system of claim 8 wherein said dynamic document includes stock market data.

16. (cancelled)

17. (original) The system of claim 8 wherein said search terms include user-specified events defined by significant changes in said data from said ongoing process.

18. (original) The system of claim 8 wherein said summary view includes a number of distinct regions, each region having a different resolution scale, enabling information to be depicted at different levels of detail.

19. (original) The system of claim 18 wherein said resolution scale is a time scale.

20. (original) The system of claim 8 wherein said abstract representation is nonlinear.

21. (original) The system of claim 8 wherein said summary view depicts more recent events

with higher resolution than less recent events.

22. (currently amended) A system for visualizing and navigating dynamic documents in a graphical user interface comprising:

means for generating a summary view of at least one dynamic document including data from an ongoing process and containing instances of search terms, said summary view depicting a search term density distribution in a condensed abstract representation, wherein said representation is selected from the group consisting of: color, pattern, and relative darkness;

means for updating said summary view to reflect changes in said dynamic document; and

means for triggering an enhancement of said summary view by cursor brushing.

23. (currently amended) A computer program product comprising a machine-readable medium having computer-executable program instructions thereon including:

a first code means for generating a summary view of at least one dynamic document including data from an ongoing process and containing instances of search terms, said summary view depicting a search term density distribution in a condensed abstract representation, wherein said representation is selected from the group consisting of: color, pattern, and relative darkness

a second code means for updating said summary view to reflect changes in said dynamic document; and

a third code means for triggering an enhancement of said summary view by cursor brushing.

24. (new) The method of claim 1 wherein said representation is color.

25. (new) The method of claim 1 wherein said representation is pattern.

26. (new) The method of claim 1 wherein said representation is relative darkness.